

AMENDMENTS

*In the Claims*

13. A computer readable storage medium storing instructions executable by a computer system to perform a method, wherein

the computer system is contained in a first secondary node in data communication with a primary node,

the primary node comprises a first server and stores a data volume,

the first secondary node comprises a second server and a first replica of the data volume,

and

the method comprises:

receiving modified data of the data volume from the primary node;

overwriting data of the first replica with the modified data;

processing the modified data to generate processed data;

the first secondary node transmitting the processed data to the primary node;

the primary node receiving and transmitting the processed data to a second secondary

node, wherein the second secondary node comprises a second replica of the data

volume and the second secondary node comprises a third server; and

the second secondary node receiving and storing the processed data in memory.